




NATIONWIDE INPATIENT SAMPLE NIS 1990-1996 HOSPITAL WEIGHTS FILE

File Specifications and Record Layouts for the NIS 1990-1996 Hospital Weights files are in FILESPC1.PDF, FILESPC2.PDF, FILESPC3.PDF, FILESPC4.PDF, and FILESPC5.PDF.

HCUP-3 VARIABLE INDEX NIS 1990-1996 HOSPITAL WEIGHTS FILE											
Page Numbers			Variable Name	Variable Label	Years of Availability						
Counts	Percents	Notes			90	91	92	93	94	95	96
4	4	4	AHAID	H:AHA ID number with the leading 6	✓	✓	✓	✓	✓	✓	✓
	5	5	DISCWT_F	H:Weight to dschgs in the frame states	✓	✓	✓	✓	✓	✓	✓
6	6	6	DISCWT_S	H:Weight to discharges in state	✓	✓	✓	✓	✓	✓	✓
7	7	7	DISCWT_U	H:Weight to discharges in universe	✓	✓	✓	✓	✓	✓	✓
8	8	8	HOSPADDR	H:Hospital address from AHA Survey				✓	✓	✓	✓
9	9	9	HOSPCITY	H:Hospital city from AHA Survey				✓	✓	✓	✓
10	10	10	HOSPID	HCUP-3 hospital ID number (SSHHH)	✓	✓	✓	✓	✓	✓	✓
11	11	11	HOSPNAME	H:Hospital name from AHA Survey				✓	✓	✓	✓
12	14	16	HOSPST	Hospital state postal code	✓	✓	✓	✓	✓	✓	✓
17	17	17	HOSPWT_F	H:Weight to hosps in the frame states	✓	✓	✓	✓	✓	✓	✓
18	18	18	HOSPWT_S	H:Weight to hosps in the state	✓	✓	✓	✓	✓	✓	✓
19	19	19	HOSPWT_U	H:Weight to hosps in the universe	✓	✓	✓	✓	✓	✓	✓

HCUP-3 VARIABLE INDEX NIS 1990-1996 HOSPITAL WEIGHTS FILE											
Page Numbers			Variable Name	Variable Label	Years of Availability						
Counts	Percents	Notes			90	91	92	93	94	95	96
20	20	20	HOSPZIP	H:Hospital zip code from AHA Survey				✓	✓	✓	✓
21	21	22	H_BEDSZ	H:Bedsize of hospital				✓	✓	✓	✓
23	23	24	H_CONTRL	H:Control/ownership of hospital				✓	✓	✓	✓
25	25	26	H_LOC	H:Location (urban/rural) of hospital				✓	✓	✓	✓
27	27	28	H_LOCTCH	H:Location/teaching status of hospital				✓	✓	✓	✓
29	29	30	H_REGION	H:Region of hospital				✓	✓	✓	✓
31	31	32	H_TCH	H:Teaching status of hospital				✓	✓	✓	✓
33	33	33	IDNUMBER	H:AHA ID number (no leading 6)	✓	✓	✓	✓	✓	✓	✓
34	34	35	LOCTEACH	A:STRATA: LOCATION & TEACHING STATUS	✓	✓	✓				
36	36	36	N_DISC_F	H:Num. frame state dischgs in STRATUM	✓	✓	✓	✓	✓	✓	✓
37	37	37	N_DISC_S	H:Num. state's discharges in STRAT_ST	✓	✓	✓	✓	✓	✓	✓
38	38	38	N_DISC_U	H:Num. universe discharges in STRATUM	✓	✓	✓	✓	✓	✓	✓
39	39	39	N_HOSP_F	H:Num. frame state hospitals in STRATUM	✓	✓	✓	✓	✓	✓	✓
40	40	40	N_HOSP_S	H:Num. state's hospitals in STRAT_ST	✓	✓	✓	✓	✓	✓	✓
41	41	41	N_HOSP_U	H:Num. universe hospitals in STRATUM	✓	✓	✓	✓	✓	✓	✓

HCUP-3 VARIABLE INDEX NIS 1990-1996 HOSPITAL WEIGHTS FILE											
Page Numbers			Variable Name	Variable Label	Years of Availability						
Counts	Percents	Notes			90	91	92	93	94	95	96
42	48	54	STRATUM	H:Stratum used to post-stratify hospital	✓	✓	✓	✓	✓	✓	✓
56	62	68	STRAT_ST	H:Stratum for state-specific weights	✓	✓	✓	✓	✓	✓	✓
70	70	71	ST_BEDSZ	A:STRATA: LOCATION, TEACHING & BEDSIZE	✓	✓	✓				
72	72	73	ST_OWNER	A:STRATA: OWNER (1 = PBLC, 2 = VLNTRY, 3 = PROP)	✓	✓	✓				
74	74	75	ST_REG	A:STRATA: REGION (1 = NE, 2 = NC, 3 = S, 4 = W)	✓	✓	✓				
76	76	76	S_DISC_S	H:Num. sample discharges in STRAT_ST	✓	✓	✓	✓	✓	✓	✓
77	77	77	S_DISC_U	H:Num. sample discharges in STRATUM	✓	✓	✓	✓	✓	✓	✓
78	78	78	S_HOSP_S	H:Num. sample hospitals in STRAT_ST	✓	✓	✓	✓	✓	✓	✓
79	79	79	S_HOSP_U	H:Num. sample hospitals in STRATUM	✓	✓	✓	✓	✓	✓	✓
80	80	80	TOTDSCHG	H:Total hospital discharges	✓	✓	✓	✓	✓	✓	✓
81	81	81	YEAR	Calendar year	✓	✓	✓	✓	✓	✓	✓

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

AHAID H:AHA ID number with the leading 6

Minimum						
1990	1991	1992	1993	1994	1995	1996
6140030	6140030	6140030	6140080	6140080	6140170	6140310

Maximum						
1990	1991	1992	1993	1994	1995	1996
6933940	6933940	6933940	6933940	6933940	6933945	6933945

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Original AHA 7-digit hospital identifier which includes a leading "6". This hospital identifier will match the identifiers supplied on the yearly AHA Annual Survey of Hospitals data files which can be purchased from the AHA.

Confidentiality of Hospitals

AHAID has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

DISCWT_F H:Weight to dschgs in the frame states

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
10.6604	10.4136	10.4812	16.0076	11.1216	9.7115	9.7993

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the discharges in the frame states. There were:

- 8 frame states for 1988;
- 11 frame states for 1989-1992;
- 17 frame states for 1993-1994; and
- 19 frame states for 1995-1996.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

DISCWT_S H:Weight to discharges in state

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
17.2221	10.1340	10.4243	18.0808	20.5147	10.3866	15.0863

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the discharges in the same state. To produce state estimates when analyzing discharges from only one state, use DISCWT_S. This weights the sampled discharges to the total population of discharges from all community hospitals in the state.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

DISCWT_U H:Weight to discharges in universe

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	2.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
74.4170	111.3269	225.4998	37.9462	27.1079	32.3654	24.6647

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the discharges in the universe of community hospitals. To produce national estimates, use DISCWT_U to weight sampled discharges to the universe of discharges from all community hospitals located in the U.S.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

HOSPADDR H:Hospital address from AHA Survey

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0	0	0	124	122	159	155
Char 30	Nonmissing	0	0	0	789	782	779	751

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0.00	0.00	0.00	13.58	13.50	17.00	17.10
Char 30	Nonmissing	0.00	0.00	0.00	86.42	86.50	83.00	82.90

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

The hospital's street address obtained from the AHA Annual Survey of Hospitals.

For confidentiality purposes, HOSPADDR has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

This variable is not available in NIS, Release 1.

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

HOSPCITY H:Hospital city from AHA Survey

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0	0	0	124	122	159	151
Char 20	Nonmissing	0	0	0	789	782	779	755

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0.00	0.00	0.00	13.58	13.50	17.00	16.70
Char 20	Nonmissing	0.00	0.00	0.00	86.42	86.50	83.00	83.30

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

The hospital's city obtained from the AHA Annual Survey of Hospitals.

For confidentiality purposes, HOSPCITY has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

This variable is not available in NIS, Release 1.

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

HOSPID HCUP-3 hospital ID number (SSHHH)

Minimum						
1990	1991	1992	1993	1994	1995	1996
4012	4009	4009	4012	4015	4005	4005

Maximum						
1990	1991	1992	1993	1994	1995	1996
55171	55170	55172	55173	55172	55175	55175

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

HCUP-3 defines hospitals in accordance with the AHA Annual Survey of Hospitals. The hospital identifier as defined in HCUP-3 is coded as:

SSnnn, where SS = State FIPS Code,
and nnn = hospital number unique to state.

The hospital entity as defined by HOSPID may differ from the data source hospital entity (variable DSHOSPID).

**HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE**

HOSPNAME H:Hospital name from AHA Survey

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0	0	0	124	122	159	151
Char 30	Nonmissing	0	0	0	789	782	779	755

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0.00	0.00	0.00	13.58	13.50	17.00	16.70
Char 30	Nonmissing	0.00	0.00	0.00	86.42	86.50	83.00	83.30

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply:
.C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

The hospital's name obtained from the AHA Annual Survey of Hospitals.

For confidentiality purposes, HOSPNAME has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

This variable is not available in NIS, Release 1.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPST Hospital state postal code

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
AZ	Arizona	17	16	15	13	12	15	15
CA	California	121	120	120	96	102	105	103
CO	Colorado	30	32	32	28	22	22	21
CT	Connecticut	0	0	0	7	7	9	8
FL	Florida	197	196	195	166	163	141	138
IA	Iowa	107	108	107	70	64	54	53
IL	Illinois	84	79	79	75	77	73	72
KS	Kansas	0	0	0	72	71	61	60
MA	Massachusetts	47	45	44	30	27	25	19
MD	Maryland	0	0	0	40	42	39	39
MO	Missouri	0	0	0	0	0	49	47
NJ	New Jersey	31	33	33	20	19	18	17
NY	New York	0	0	0	60	62	59	58
OR	Oregon	0	0	0	19	19	17	17
PA	Pennsylvania	89	87	93	57	53	51	50
SC	South Carolina	0	0	0	52	51	46	41
TN	Tennessee	0	0	0	0	0	52	50

HOSPST Hospital state postal code

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPST Hospital state postal code

		Frequency Counts						
Value	Value Label	1990	1991	1992	1993	1994	1995	1996
WA	Washington	32	33	30	23	21	22	22
WI	Wisconsin	116	110	108	85	92	80	76

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPST Hospital state postal code

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
AZ	Arizona	1.95	1.86	1.75	1.42	1.33	1.60	1.66
CA	California	13.89	13.97	14.02	10.51	11.28	11.19	11.37
CO	Colorado	3.44	3.73	3.74	3.07	2.43	2.35	2.32
CT	Connecticut	0.00	0.00	0.00	0.77	0.77	0.96	0.88
FL	Florida	22.62	22.82	22.78	18.18	18.03	15.03	15.23
IA	Iowa	12.28	12.57	12.50	7.67	7.08	5.76	5.85
IL	Illinois	9.64	9.20	9.23	8.21	8.52	7.78	7.95
KS	Kansas	0.00	0.00	0.00	7.89	7.85	6.50	6.62
MA	Massachusetts	5.40	5.24	5.14	3.29	2.99	2.67	2.10
MD	Maryland	0.00	0.00	0.00	4.38	4.65	4.16	4.30
MO	Missouri	0.00	0.00	0.00	0.00	0.00	5.22	5.19
NJ	New Jersey	3.56	3.84	3.86	2.19	2.10	1.92	1.88
NY	New York	0.00	0.00	0.00	6.57	6.86	6.29	6.40
OR	Oregon	0.00	0.00	0.00	2.08	2.10	1.81	1.88
PA	Pennsylvania	10.22	10.13	10.86	6.24	5.86	5.44	5.52
SC	South Carolina	0.00	0.00	0.00	5.70	5.64	4.90	4.53
TN	Tennessee	0.00	0.00	0.00	0.00	0.00	5.54	5.52

HOSPST Hospital state postal code

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPST Hospital state postal code

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
WA	Washington	3.67	3.84	3.50	2.52	2.32	2.35	2.43
WI	Wisconsin	13.32	12.81	12.62	9.31	10.18	8.53	8.39

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

HOSPST Hospital state postal code

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

HOSPST indicates the hospital's two-character state postal code(e.g., "CA" for California).

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPWT_F H:Weight to hosps in the frame states

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
8.0000	7.5000	8.5000	7.0000	7.5000	13.0000	14.0000

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the hospitals in the frame states. There were:

- 8 frame states for 1988;
- 11 frame states for 1989-1992;
- 17 frame states for 1993-1994; and
- 19 frame states for 1995-1996.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPWT_S H:Weight to hosps in the state

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
15.5000	7.0000	9.0000	7.6667	12.5000	10.0000	10.6667

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the hospitals in the same state.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPWT_U H:Weight to hosps in the universe

Minimum						
1990	1991	1992	1993	1994	1995	1996
0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	2.0000

Maximum						
1990	1991	1992	1993	1994	1995	1996
71.5000	69.5000	58.0000	19.1429	23.2000	25.5000	23.1818

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Weight to the hospitals in the universe of community hospitals.

For detailed information about the development and use of discharge and hospital weights, see the release-specific *Technical Supplement on the Design of the HCUP-3 Nationwide Inpatient Sample*.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

HOSPZIP H:Hospital zip code from AHA Survey

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0	0	0	124	122	159	151
Char 5	Nonmissing	0	0	0	789	782	779	755

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
Blank	Missing*	0.00	0.00	0.00	13.58	13.50	17.00	16.70
Char 5	Nonmissing	0.00	0.00	0.00	86.42	86.50	83.00	83.30

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

The hospital's zip code obtained from the AHA Annual Survey of Hospitals.

For confidentiality purposes, HOSPZIP has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

This variable is not available in NIS, Release 1.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_BEDSZ H:Bedsize of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Small	0	0	0	352	361	393	371
2	Medium	0	0	0	291	290	303	293
3	Large	0	0	0	267	252	241	241
.	Missing*	0	0	0	3	1	1	1

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Small	0.00	0.00	0.00	38.55	39.93	41.90	40.95
2	Medium	0.00	0.00	0.00	31.87	32.08	32.30	32.34
3	Large	0.00	0.00	0.00	29.24	27.88	25.69	26.60
.	Missing*	0.00	0.00	0.00	0.33	0.11	0.11	0.11

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_BEDSZ H:Bedsize of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

In NIS, Release 2 through Release 5, the hospital's bedsize category is stored in the variable H_BEDSZ. In NIS, Release 1, this same information was stored in the variable ST_BEDSZ.

The hospital's bedsize category is nested within location and teaching status (H_LOCTCH).

Location and Teaching Status	Bedsize		
	Small	Medium	Large
Rural	1-49	50-99	100+
Urban, nonteaching	1-99	100-199	200+
Urban, teaching	1-299	300-499	500+

The hospital's location, teaching status, and bedsize were obtained from the AHA Annual Survey of Hospitals. Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals. Bedsize assesses the number of short-term acute beds in a hospital.

Confidentiality of Hospitals

In two states, H_BEDSZ was set to missing if in the universe of hospitals for that state, the cell defined by H_CONTRL, H_LOC, H_TCH, and H_BEDSZ had fewer than 2 hospitals. In South Carolina, this affected:

- 3 hospitals in 1993,
- 1 hospital in 1994, and
- 1 hospital in 1995-1996.

South Carolina was not included in the NIS prior to 1993. In Tennessee, this affected no hospitals in 1995-1996. Tennessee was not include in the NIS prior to 1995.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_CONTRL H:Control/ownership of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Govt, nonfed	0	0	0	202	197	206	199
2	Pvt, not-profit	0	0	0	593	591	586	570
3	Pvt, invest-own	0	0	0	115	115	145	136
.	Missing*	0	0	0	3	1	1	1

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Govt, nonfed	0.00	0.00	0.00	22.12	21.79	21.96	21.96
2	Pvt, not-profit	0.00	0.00	0.00	64.95	65.38	62.47	62.91
3	Pvt, invest-own	0.00	0.00	0.00	12.60	12.72	15.46	15.01
.	Missing*	0.00	0.00	0.00	0.33	0.11	0.11	0.11

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_CONTRL H:Control/ownership of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's ownership/control category is stored in the variable H_CONTRL. In NIS, Release 1, this same information was stored in the variable ST_OWNER.

The hospital ownership/control categories are:

- government, nonfederal,
- private not-for-profit, and
- private investor-owned.

These types of hospitals tend to have different missions and different responses to government regulations and policies.

The hospital's ownership/control category was obtained from the AHA Annual Survey of Hospitals.

Confidentiality of Hospitals

In two states, H_CONTRL was set to missing if in the universe of hospitals for that state, the cell defined by H_CONTRL, H_LOC, H_TCH, and H_BEDSZ had fewer than 2 hospitals. In South Carolina, this affected:

- 3 hospitals in 1993,
- 1 hospital in 1994, and
- 1 hospital in 1995-1996.

South Carolina was not included in the NIS prior to 1993. In Tennessee, this affected no hospitals in 1995-1996. Tennessee was not include in the NIS prior to 1995.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_LOC H:Location (urban/rural) of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
0	Rural	0	0	0	340	339	366	361
1	Urban	0	0	0	570	564	571	544
.	Missing*	0	0	0	3	1	1	1

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
0	Rural	0.00	0.00	0.00	37.24	37.50	39.02	39.85
1	Urban	0.00	0.00	0.00	62.43	62.39	60.87	60.04
.	Missing*	0.00	0.00	0.00	0.33	0.11	0.11	0.11

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_LOC H:Location (urban/rural) of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's location category is stored in the variable H_LOC. In NIS, Release 1, this variable is not available.

The hospital location categories are:

- rural or
- urban.

This information was obtained from the AHA Annual Survey of Hospitals. A metropolitan statistical area is considered urban, and a non-metropolitan statistical area is rural.

Confidentiality of Hospitals

In two states, H_LOC was set to missing if in the universe of hospitals for that state, the cell defined by H_CONTRL, H_LOC, H_TCH, and H_BEDSZ had fewer than 2 hospitals. In South Carolina, this affected:

- 3 hospitals in 1993,
- 1 hospital in 1994, and
- 1 hospital in 1995-1996.

South Carolina was not included in the NIS prior to 1993. In Tennessee, this affected no hospitals in 1995-1996. Tennessee was not include in the NIS prior to 1995.

H_LOC H:Location (urban/rural) of hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_LOCTCH H:Location/teaching status of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Rural	0	0	0	340	339	366	361
2	Urban nonteach	0	0	0	454	440	442	415
3	Urban teaching	0	0	0	116	124	129	129
.	Missing*	0	0	0	3	1	1	1

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Rural	0.00	0.00	0.00	37.24	37.50	39.02	39.85
2	Urban nonteach	0.00	0.00	0.00	49.73	48.67	47.12	45.81
3	Urban teaching	0.00	0.00	0.00	12.71	13.72	13.75	14.24
.	Missing*	0.00	0.00	0.00	0.33	0.11	0.11	0.11

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_LOCTCH H:Location/teaching status of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's location and teaching status is stored in the variable H_LOCTCH. In NIS, Release 1, this same information was stored in the variable LOCTEACH.

The hospital location and teaching status categories are:

- rural,
- urban/nonteaching, and
- urban/teaching.

The hospital's location and teaching status were obtained from the AHA Annual Survey of Hospitals. A metropolitan statistical area is considered urban, and a non-metropolitan statistical area is rural. Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals.

Note that a few hospitals classified as rural are also teaching hospitals.

Confidentiality of Hospitals

In two states, H_LOCTCH was set to missing if in the universe of hospitals for that state, the cell defined by H_CONTRL, H_LOC, H_TCH, and H_BEDSZ had fewer than 2 hospitals. In South Carolina, this affected:

- 3 hospitals in 1993,
- 1 hospital in 1994, and
- 1 hospital in 1995-1996.

South Carolina was not included in the NIS prior to 1993. In Tennessee, this affected no hospitals in 1995-1996. Tennessee was not include in the NIS prior to 1995.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_REGION H:Region of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Northeast	0	0	0	174	168	162	152
2	Midwest	0	0	0	302	304	317	308
3	South	0	0	0	258	256	278	268
4	West	0	0	0	179	176	181	178

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Northeast	0.00	0.00	0.00	19.06	18.58	17.27	16.78
2	Midwest	0.00	0.00	0.00	33.08	33.63	33.80	34.00
3	South	0.00	0.00	0.00	28.26	28.32	29.64	29.58
4	West	0.00	0.00	0.00	19.61	19.47	19.30	19.65

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_REGION H:Region of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's census region is stored in the variable H_REGION. In NIS, Release 1, this same information was stored in the variable ST_REG.

The hospital census region categories are:

- Northeast,
- Midwest,
- West, and
- South.

The Midwest region was referred to as "North Central" in NIS, Release 1.

This is an important stratifier because practice patterns have been shown to vary substantially by region. For example, lengths of stay tend to be longer in East Coast hospitals than in West Coast hospitals.

The hospital's census region was obtained from the AHA Annual Survey of Hospitals. Census region is defined by the U.S. Census Bureau.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

H_TCH H:Teaching status of hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
0	Nonteaching	0	0	0	790	776	806	774
1	Teaching	0	0	0	120	127	131	131
.	Missing*	0	0	0	3	1	1	1

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
0	Nonteaching	0.00	0.00	0.00	86.53	85.84	85.93	85.43
1	Teaching	0.00	0.00	0.00	13.14	14.05	13.97	14.46
.	Missing*	0.00	0.00	0.00	0.33	0.11	0.11	0.11

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

H_TCH H:Teaching status of hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's teaching status is stored in the variable H_TCH. In NIS, Release 1, this variable is not available.

The hospital teaching status categories are:

- nonteaching or
- teaching.

The hospital's teaching status was obtained from the AHA Annual Survey of Hospitals. Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals.

Confidentiality of Hospitals

In two states, H_TCH was set to missing if in the universe of hospitals for that state, the cell defined by H_CONTRL, H_LOC, H_TCH, and H_BEDSZ had fewer than 2 hospitals. In South Carolina, this affected:

- 3 hospitals in 1993,
- 1 hospital in 1994, and
- 1 hospital in 1995-1996.

South Carolina was not included in the NIS prior to 1993. In Tennessee, this affected no hospitals in 1995-1996. Tennessee was not include in the NIS prior to 1995.

H_TCH H:Teaching status of hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

IDNUMBER H:AHA ID number (no leading 6)

Minimum						
1990	1991	1992	1993	1994	1995	1996
140030	140030	140030	140080	140080	140170	140310

Maximum						
1990	1991	1992	1993	1994	1995	1996
933940	933940	933940	933940	933940	933945	933945

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

HCUP-3 AHA hospital identifier. Hospitals are uniquely identified by the variable IDNUMBER, which is the same as the identifier on the source AHA files, except that the leading "6" has been dropped.

For confidentiality purposes, IDNUMBER has been set to missing (" ") for all Kansas, South Carolina, and Tennessee discharges.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

LOCTEACH A:STRATA: LOCATION & TEACHING STATUS

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Rural	321	315	301	0	0	0	0
2	Urban nonteaching	432	434	438	0	0	0	0
3	Urban teaching	114	108	110	0	0	0	0
.	Missing*	4	2	7	0	0	0	0

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Rural	36.85	36.67	35.16	0.00	0.00	0.00	0.00
2	Urban nonteaching	49.60	50.52	51.17	0.00	0.00	0.00	0.00
3	Urban teaching	13.09	12.57	12.85	0.00	0.00	0.00	0.00
.	Missing*	0.46	0.23	0.82	0.00	0.00	0.00	0.00

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

LOCTEACH A:STRATA: LOCATION & TEACHING STATUS

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's location and teaching status is stored in the variable H_LOCTCH. In NIS, Release 1, this same information was stored in the variable LOCTEACH.

The hospital location and teaching status categories are:

- rural,
- urban/nonteaching, and
- urban/teaching.

The hospital's location and teaching status were obtained from the AHA Annual Survey of Hospitals. A metropolitan statistical area is considered urban, and a non-metropolitan statistical area is rural. Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals.

Note that a few hospitals classified as rural are also teaching hospitals.

The hospital location and teaching status (LOCTEACH) is missing for some zero-weight hospitals for which the information was not available (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_DISC_F H:Num. frame state dischgs in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
3,622	2,888	3,020	2,756	3,743	3,193	2,665

Maximum						
1990	1991	1992	1993	1994	1995	1996
1,445,421	1,497,866	1,529,942	1,879,743	1,572,346	1,865,265	1,702,709

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of frame state discharges contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_DISC_S H:Num. state's discharges in STRAT_ST

Minimum						
1990	1991	1992	1993	1994	1995	1996
2,536	2,888	2,725	867	1,214	1,317	2,389

Maximum						
1990	1991	1992	1993	1994	1995	1996
1,016,420	1,099,952	1,280,293	1,195,333	1,217,625	1,167,215	1,048,063

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of the state's discharges contained in STRAT_ST.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_DISC_U H:Num. universe discharges in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
10,368	10,597	9,455	3,190	6,379	3,193	2,854

Maximum						
1990	1991	1992	1993	1994	1995	1996
3,148,731	3,173,123	3,369,836	3,123,186	3,246,927	3,014,719	3,058,915

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of universe discharges from community hospitals contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_HOSP_F H:Num. frame state hospitals in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
2	2	2	2	2	2	2

Maximum						
1990	1991	1992	1993	1994	1995	1996
104	108	99	144	124	141	144

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of frame state hospitals contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_HOSP_S H:Num. state's hospitals in STRAT_ST

Minimum						
1990	1991	1992	1993	1994	1995	1996
2	2	2	2	2	2	2

Maximum						
1990	1991	1992	1993	1994	1995	1996
71	75	83	78	83	71	69

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of the state's hospitals contained in STRAT_ST.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

N_HOSP_U H:Num. universe hospitals in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
2	6	6	2	2	2	4

Maximum						
1990	1991	1992	1993	1994	1995	1996
286	278	279	268	264	274	269

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of universe community hospitals contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1111		0	0	0	2	0	0	0
1112		2	0	0	0	0	0	0
1113		0	0	0	0	2	0	0
1121		2	2	2	2	2	0	0
1122		2	0	0	2	2	2	0
1123		2	0	0	2	2	2	2
1131		2	0	0	2	2	2	0
1132		2	2	0	3	3	2	3
1133		0	0	0	3	2	0	0
1211		6	7	10	10	11	12	10
1212		10	10	11	10	10	10	10
1213		13	13	13	13	12	10	11
1221		16	16	16	15	18	19	15
1222		27	28	28	31	30	30	33
1223		35	36	38	33	25	24	21
1231		14	13	13	14	15	16	18
1232		17	18	17	15	16	13	13

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1233		14	14	14	11	11	13	12
1321		2	3	3	2	0	2	0
1322		0	0	2	2	3	3	2
1323		0	0	0	2	2	2	2
2111		49	50	49	48	49	51	51
2112		18	18	16	15	14	14	12
2113		2	2	2	4	4	4	4
2121		5	5	4	5	4	10	9
2122		0	0	0	2	2	2	3
2132		0	0	0	2	2	2	2
2133		2	2	2	2	2	2	2
2211		53	51	53	52	56	58	57
2212		30	28	27	27	26	25	26
2213		22	21	19	19	20	19	19
2221		20	19	20	24	29	30	28
2222		30	30	31	28	28	26	27
2223		43	43	38	36	33	30	24

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
2231		7	5	8	7	11	11	11
2232		14	13	12	11	11	13	14
2233		5	6	8	8	5	7	6
2311		0	0	0	2	0	2	2
2312		2	2	2	2	2	3	3
2321		2	2	0	3	2	3	2
2322		0	0	2	3	2	3	3
2323		0	0	0	2	2	2	3
3111		4	4	5	14	13	10	11
3112		4	3	0	7	5	12	11
3113		2	0	0	4	6	8	7
3121		6	6	6	9	8	7	5
3122		7	6	5	9	8	8	7
3123		7	8	8	8	6	7	9
3133		2	0	0	3	4	3	3
3211		6	6	6	10	8	8	8
3212		4	4	4	7	9	12	9

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
3213		7	9	5	12	12	12	14
3221		12	12	12	20	22	21	21
3222		15	17	18	23	25	22	20
3223		38	38	40	40	38	33	34
3231		3	4	5	6	5	6	7
3232		5	4	5	10	10	11	9
3233		4	5	5	4	5	5	6
3311		4	4	4	5	5	10	10
3312		2	2	2	4	3	11	11
3313		6	6	5	5	7	9	9
3321		11	11	9	10	9	15	10
3322		29	28	29	28	29	30	29
3323		19	18	19	20	19	18	18
4111		29	29	28	27	27	29	27
4112		6	5	4	4	4	3	3
4113		2	2	2	3	3	3	3
4121		7	8	7	8	7	8	8

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
4122		0	0	2	2	2	2	0
4123		3	3	3	3	3	3	4
4131		2	2	2	2	3	3	5
4132		3	3	3	3	3	3	3
4133		2	0	0	0	0	0	0
4211		22	23	20	21	19	19	19
4212		7	9	7	6	5	5	7
4213		6	4	5	6	4	4	4
4221		16	18	19	16	15	14	12
4222		21	24	24	23	21	21	20
4223		24	24	24	21	20	17	19
4231		5	6	4	5	8	12	10
4232		8	6	5	3	4	2	2
4233		0	2	3	3	2	3	3
4311		0	0	0	0	2	2	2
4312		2	0	2	2	2	2	2
4313		0	2	0	0	0	0	0

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
4321		13	12	11	11	11	13	13
4322		13	11	9	8	9	11	9
4323		3	0	2	2	2	2	3
.	Missing*	10	12	18	0	0	0	0

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1111		0.00	0.00	0.00	0.22	0.00	0.00	0.00
1112		0.23	0.00	0.00	0.00	0.00	0.00	0.00
1113		0.00	0.00	0.00	0.00	0.22	0.00	0.00
1121		0.23	0.23	0.23	0.22	0.22	0.00	0.00
1122		0.23	0.00	0.00	0.22	0.22	0.21	0.00
1123		0.23	0.00	0.00	0.22	0.22	0.21	0.22
1131		0.23	0.00	0.00	0.22	0.22	0.21	0.00
1132		0.23	0.23	0.00	0.33	0.33	0.21	0.33
1133		0.00	0.00	0.00	0.33	0.22	0.00	0.00
1211		0.69	0.81	1.17	1.10	1.22	1.28	1.10
1212		1.15	1.16	1.29	1.10	1.11	1.07	1.10
1213		1.49	1.51	1.52	1.42	1.33	1.07	1.21
1221		1.84	1.86	1.87	1.64	1.99	2.03	1.66
1222		3.10	3.26	3.27	3.40	3.32	3.20	3.64
1223		4.02	4.19	4.44	3.61	2.77	2.56	2.32
1231		1.61	1.51	1.52	1.53	1.66	1.71	1.99
1232		1.95	2.10	1.99	1.64	1.77	1.39	1.43

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1233		1.61	1.63	1.64	1.20	1.22	1.39	1.32
1321		0.23	0.35	0.35	0.22	0.00	0.21	0.00
1322		0.00	0.00	0.23	0.22	0.33	0.32	0.22
1323		0.00	0.00	0.00	0.22	0.22	0.21	0.22
2111		5.63	5.82	5.72	5.26	5.42	5.44	5.63
2112		2.07	2.10	1.87	1.64	1.55	1.49	1.32
2113		0.23	0.23	0.23	0.44	0.44	0.43	0.44
2121		0.57	0.58	0.47	0.55	0.44	1.07	0.99
2122		0.00	0.00	0.00	0.22	0.22	0.21	0.33
2132		0.00	0.00	0.00	0.22	0.22	0.21	0.22
2133		0.23	0.23	0.23	0.22	0.22	0.21	0.22
2211		6.08	5.94	6.19	5.70	6.19	6.18	6.29
2212		3.44	3.26	3.15	2.96	2.88	2.67	2.87
2213		2.53	2.44	2.22	2.08	2.21	2.03	2.10
2221		2.30	2.21	2.34	2.63	3.21	3.20	3.09
2222		3.44	3.49	3.62	3.07	3.10	2.77	2.98
2223		4.94	5.01	4.44	3.94	3.65	3.20	2.65

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
2231		0.80	0.58	0.93	0.77	1.22	1.17	1.21
2232		1.61	1.51	1.40	1.20	1.22	1.39	1.55
2233		0.57	0.70	0.93	0.88	0.55	0.75	0.66
2311		0.00	0.00	0.00	0.22	0.00	0.21	0.22
2312		0.23	0.23	0.23	0.22	0.22	0.32	0.33
2321		0.23	0.23	0.00	0.33	0.22	0.32	0.22
2322		0.00	0.00	0.23	0.33	0.22	0.32	0.33
2323		0.00	0.00	0.00	0.22	0.22	0.21	0.33
3111		0.46	0.47	0.58	1.53	1.44	1.07	1.21
3112		0.46	0.35	0.00	0.77	0.55	1.28	1.21
3113		0.23	0.00	0.00	0.44	0.66	0.85	0.77
3121		0.69	0.70	0.70	0.99	0.88	0.75	0.55
3122		0.80	0.70	0.58	0.99	0.88	0.85	0.77
3123		0.80	0.93	0.93	0.88	0.66	0.75	0.99
3133		0.23	0.00	0.00	0.33	0.44	0.32	0.33
3211		0.69	0.70	0.70	1.10	0.88	0.85	0.88
3212		0.46	0.47	0.47	0.77	1.00	1.28	0.99

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
3213		0.80	1.05	0.58	1.31	1.33	1.28	1.55
3221		1.38	1.40	1.40	2.19	2.43	2.24	2.32
3222		1.72	1.98	2.10	2.52	2.77	2.35	2.21
3223		4.36	4.42	4.67	4.38	4.20	3.52	3.75
3231		0.34	0.47	0.58	0.66	0.55	0.64	0.77
3232		0.57	0.47	0.58	1.10	1.11	1.17	0.99
3233		0.46	0.58	0.58	0.44	0.55	0.53	0.66
3311		0.46	0.47	0.47	0.55	0.55	1.07	1.10
3312		0.23	0.23	0.23	0.44	0.33	1.17	1.21
3313		0.69	0.70	0.58	0.55	0.77	0.96	0.99
3321		1.26	1.28	1.05	1.10	1.00	1.60	1.10
3322		3.33	3.26	3.39	3.07	3.21	3.20	3.20
3323		2.18	2.10	2.22	2.19	2.10	1.92	1.99
4111		3.33	3.38	3.27	2.96	2.99	3.09	2.98
4112		0.69	0.58	0.47	0.44	0.44	0.32	0.33
4113		0.23	0.23	0.23	0.33	0.33	0.32	0.33
4121		0.80	0.93	0.82	0.88	0.77	0.85	0.88

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
4122		0.00	0.00	0.23	0.22	0.22	0.21	0.00
4123		0.34	0.35	0.35	0.33	0.33	0.32	0.44
4131		0.23	0.23	0.23	0.22	0.33	0.32	0.55
4132		0.34	0.35	0.35	0.33	0.33	0.32	0.33
4133		0.23	0.00	0.00	0.00	0.00	0.00	0.00
4211		2.53	2.68	2.34	2.30	2.10	2.03	2.10
4212		0.80	1.05	0.82	0.66	0.55	0.53	0.77
4213		0.69	0.47	0.58	0.66	0.44	0.43	0.44
4221		1.84	2.10	2.22	1.75	1.66	1.49	1.32
4222		2.41	2.79	2.80	2.52	2.32	2.24	2.21
4223		2.76	2.79	2.80	2.30	2.21	1.81	2.10
4231		0.57	0.70	0.47	0.55	0.88	1.28	1.10
4232		0.92	0.70	0.58	0.33	0.44	0.21	0.22
4233		0.00	0.23	0.35	0.33	0.22	0.32	0.33
4311		0.00	0.00	0.00	0.00	0.22	0.21	0.22
4312		0.23	0.00	0.23	0.22	0.22	0.21	0.22
4313		0.00	0.23	0.00	0.00	0.00	0.00	0.00

STRATUM H:Stratum used to post-stratify hospital

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
4321		1.49	1.40	1.29	1.20	1.22	1.39	1.43
4322		1.49	1.28	1.05	0.88	1.00	1.17	0.99
4323		0.34	0.00	0.23	0.22	0.22	0.21	0.33
.	Missing*	1.15	1.40	2.10	0.00	0.00	0.00	0.00

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

STRATUM is a four-digit stratum identifier used to post-stratify hospitals for the calculation of universe and frame weights. Another stratum identifier (STRAT_ST) was used for the calculation of state weights. Strata had to be collapsed much more often for state weights than for universe and frame weights.

The four digits for STRATUM are defined as follows:

<u>Digit</u>	<u>Stratum</u>	<u>Values</u>
First	Region	1=Northeast, 2=Midwest, 3=South, 4=West,
Second	Control	1=Government, nonfederal, 2=Private, not-for-profit, 3=Private, investor-owned,
Third	Location/ Teaching	1=Rural, 2=Urban nonteaching, 3=Urban teaching,
Fourth	Bedsizes	1=Small, 2=Medium, and 3=Large.

The hospital's census region, control category, location, teaching status, and bedsize were obtained from the AHA Annual Survey of Hospitals.

- A metropolitan statistical area is considered urban, and a non-metro statistical area is rural.
- Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals.
- Bedsizes assesses the number of short-term acute beds in a hospital.

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

STRATUM H:Stratum used to post-stratify hospital

The hospital's bedsize category is nested within location and teaching status.

<u>Location and Teaching Status</u>	<u>Bedsizes</u>		
	<u>Small</u>	<u>Medium</u>	<u>Large</u>
Rural	1-49	50-99	100+
Urban, nonteaching	1-99	100-199	200+
Urban, teaching	1-299	300-499	500+

Some strata were combined for sampling and weight calculations. Consequently, a given hospital's actual value for a stratifier may differ from those indicated by the value of STRATUM. Each hospital's actual values of stratifiers are contained in separate variables:

<u>Stratifier</u>	<u>Release 1</u>	<u>Release 2 - Release 5</u>
Region	ST_REG	H_REGION
Ownership/Control	ST_OWNER	H_CONTRL
Location/Teaching	LOCTEACH	H_LOCTCH
Bedsizes	ST_BEDSZ	H_BEDSZ

Hospital stratum (STRATUM) is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1111		0	0	0	2	0	0	0
1112		2	0	0	0	0	0	0
1113		0	0	0	0	2	0	0
1121		2	2	2	0	0	0	0
1122		0	0	0	2	2	0	0
1131		2	0	0	0	0	2	0
1132		2	2	0	2	2	0	2
1133		0	0	0	3	2	0	0
1211		6	7	10	11	11	12	11
1212		10	10	11	10	11	11	10
1213		13	13	13	12	11	9	10
1221		16	17	17	17	18	19	13
1222		29	28	28	35	33	33	38
1223		37	36	38	35	27	26	22
1231		13	13	13	17	15	15	18
1232		18	18	17	16	21	18	17
1233		14	14	14	10	9	11	9

STRAT_ST H:Stratum for state-specific weights

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1321		2	2	2	0	0	2	0
1322		0	0	2	0	2	2	0
1323		0	0	0	2	2	2	2
2111		49	50	49	47	49	51	51
2112		18	18	16	15	12	13	12
2113		0	0	0	2	3	2	2
2121		5	5	4	4	4	9	7
2122		0	0	0	0	0	0	2
2211		53	51	53	53	56	60	59
2212		30	28	29	29	30	29	29
2213		24	23	21	21	21	21	21
2221		19	18	20	25	28	31	32
2222		31	31	31	34	33	31	28
2223		43	43	38	36	35	31	27
2231		5	3	7	6	10	10	10
2232		17	15	13	13	15	17	16
2233		6	8	10	11	6	8	8

STRAT_ST H:Stratum for state-specific weights

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
2311		0	0	0	2	0	0	0
2312		2	2	0	0	0	0	0
2321		2	2	0	2	2	2	0
2322		0	0	2	0	0	0	2
2323		0	0	0	2	0	2	2
3111		4	4	5	14	13	10	11
3112		4	3	0	7	5	12	10
3113		2	0	0	3	5	8	7
3121		6	6	6	9	8	7	5
3122		7	6	5	9	8	7	7
3123		7	8	8	8	6	7	9
3133		2	0	0	2	4	2	2
3211		6	6	6	10	9	9	9
3212		4	4	4	7	9	12	10
3213		7	9	5	13	13	12	14
3221		12	12	12	21	22	20	20
3222		15	17	18	24	25	25	22

STRAT_ST H:Stratum for state-specific weights

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
3223		38	38	40	42	40	34	35
3231		3	4	5	6	5	6	7
3232		5	4	5	10	11	12	9
3233		4	5	5	4	4	5	7
3311		4	4	4	5	4	9	9
3312		2	2	2	4	3	11	11
3313		6	6	5	5	7	9	9
3321		11	11	9	9	9	15	10
3322		29	28	29	28	29	30	29
3323		19	18	19	18	17	16	16
4111		29	29	28	27	27	28	26
4112		4	4	2	2	3	0	2
4113		0	0	0	0	0	0	0
4121		7	8	7	8	7	8	8
4122		0	0	0	2	2	2	0
4123		3	2	2	2	2	2	3
4131		2	2	2	2	3	3	5

STRAT_ST H:Stratum for state-specific weights

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
4132		2	2	2	2	2	2	2
4133		2	0	0	0	0	0	0
4211		22	23	21	20	21	22	23
4212		11	12	9	9	7	9	9
4213		6	4	6	9	6	6	5
4221		15	18	18	18	15	14	12
4222		26	29	31	26	27	26	25
4223		24	24	27	24	21	18	19
4231		4	4	3	5	8	11	9
4232		9	10	8	5	6	3	3
4233		0	0	0	0	0	3	3
4312		2	0	2	2	2	2	2
4313		0	2	0	0	0	0	0
4321		12	11	10	9	9	12	12
4322		12	9	8	7	8	10	8
4323		2	0	0	0	0	0	2

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
.	Missing*	10	12	18	0	0	0	0

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1111		0.00	0.00	0.00	0.22	0.00	0.00	0.00
1112		0.23	0.00	0.00	0.00	0.00	0.00	0.00
1113		0.00	0.00	0.00	0.00	0.22	0.00	0.00
1121		0.23	0.23	0.23	0.00	0.00	0.00	0.00
1122		0.00	0.00	0.00	0.22	0.22	0.00	0.00
1131		0.23	0.00	0.00	0.00	0.00	0.21	0.00
1132		0.23	0.23	0.00	0.22	0.22	0.00	0.22
1133		0.00	0.00	0.00	0.33	0.22	0.00	0.00
1211		0.69	0.81	1.17	1.20	1.22	1.28	1.21
1212		1.15	1.16	1.29	1.10	1.22	1.17	1.10
1213		1.49	1.51	1.52	1.31	1.22	0.96	1.10
1221		1.84	1.98	1.99	1.86	1.99	2.03	1.43
1222		3.33	3.26	3.27	3.83	3.65	3.52	4.19
1223		4.25	4.19	4.44	3.83	2.99	2.77	2.43
1231		1.49	1.51	1.52	1.86	1.66	1.60	1.99
1232		2.07	2.10	1.99	1.75	2.32	1.92	1.88
1233		1.61	1.63	1.64	1.10	1.00	1.17	0.99

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1321		0.23	0.23	0.23	0.00	0.00	0.21	0.00
1322		0.00	0.00	0.23	0.00	0.22	0.21	0.00
1323		0.00	0.00	0.00	0.22	0.22	0.21	0.22
2111		5.63	5.82	5.72	5.15	5.42	5.44	5.63
2112		2.07	2.10	1.87	1.64	1.33	1.39	1.32
2113		0.00	0.00	0.00	0.22	0.33	0.21	0.22
2121		0.57	0.58	0.47	0.44	0.44	0.96	0.77
2122		0.00	0.00	0.00	0.00	0.00	0.00	0.22
2211		6.08	5.94	6.19	5.81	6.19	6.40	6.51
2212		3.44	3.26	3.39	3.18	3.32	3.09	3.20
2213		2.76	2.68	2.45	2.30	2.32	2.24	2.32
2221		2.18	2.10	2.34	2.74	3.10	3.30	3.53
2222		3.56	3.61	3.62	3.72	3.65	3.30	3.09
2223		4.94	5.01	4.44	3.94	3.87	3.30	2.98
2231		0.57	0.35	0.82	0.66	1.11	1.07	1.10
2232		1.95	1.75	1.52	1.42	1.66	1.81	1.77
2233		0.69	0.93	1.17	1.20	0.66	0.85	0.88

STRAT_ST H:Stratum for state-specific weights

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
2311		0.00	0.00	0.00	0.22	0.00	0.00	0.00
2312		0.23	0.23	0.00	0.00	0.00	0.00	0.00
2321		0.23	0.23	0.00	0.22	0.22	0.21	0.00
2322		0.00	0.00	0.23	0.00	0.00	0.00	0.22
2323		0.00	0.00	0.00	0.22	0.00	0.21	0.22
3111		0.46	0.47	0.58	1.53	1.44	1.07	1.21
3112		0.46	0.35	0.00	0.77	0.55	1.28	1.10
3113		0.23	0.00	0.00	0.33	0.55	0.85	0.77
3121		0.69	0.70	0.70	0.99	0.88	0.75	0.55
3122		0.80	0.70	0.58	0.99	0.88	0.75	0.77
3123		0.80	0.93	0.93	0.88	0.66	0.75	0.99
3133		0.23	0.00	0.00	0.22	0.44	0.21	0.22
3211		0.69	0.70	0.70	1.10	1.00	0.96	0.99
3212		0.46	0.47	0.47	0.77	1.00	1.28	1.10
3213		0.80	1.05	0.58	1.42	1.44	1.28	1.55
3221		1.38	1.40	1.40	2.30	2.43	2.13	2.21
3222		1.72	1.98	2.10	2.63	2.77	2.67	2.43

STRAT_ST H:Stratum for state-specific weights

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
3223		4.36	4.42	4.67	4.60	4.42	3.62	3.86
3231		0.34	0.47	0.58	0.66	0.55	0.64	0.77
3232		0.57	0.47	0.58	1.10	1.22	1.28	0.99
3233		0.46	0.58	0.58	0.44	0.44	0.53	0.77
3311		0.46	0.47	0.47	0.55	0.44	0.96	0.99
3312		0.23	0.23	0.23	0.44	0.33	1.17	1.21
3313		0.69	0.70	0.58	0.55	0.77	0.96	0.99
3321		1.26	1.28	1.05	0.99	1.00	1.60	1.10
3322		3.33	3.26	3.39	3.07	3.21	3.20	3.20
3323		2.18	2.10	2.22	1.97	1.88	1.71	1.77
4111		3.33	3.38	3.27	2.96	2.99	2.99	2.87
4112		0.46	0.47	0.23	0.22	0.33	0.00	0.22
4113		0.00	0.00	0.00	0.00	0.00	0.00	0.00
4121		0.80	0.93	0.82	0.88	0.77	0.85	0.88
4122		0.00	0.00	0.00	0.22	0.22	0.21	0.00
4123		0.34	0.23	0.23	0.22	0.22	0.21	0.33
4131		0.23	0.23	0.23	0.22	0.33	0.32	0.55

STRAT_ST H:Stratum for state-specific weights

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STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
4132		0.23	0.23	0.23	0.22	0.22	0.21	0.22
4133		0.23	0.00	0.00	0.00	0.00	0.00	0.00
4211		2.53	2.68	2.45	2.19	2.32	2.35	2.54
4212		1.26	1.40	1.05	0.99	0.77	0.96	0.99
4213		0.69	0.47	0.70	0.99	0.66	0.64	0.55
4221		1.72	2.10	2.10	1.97	1.66	1.49	1.32
4222		2.99	3.38	3.62	2.85	2.99	2.77	2.76
4223		2.76	2.79	3.15	2.63	2.32	1.92	2.10
4231		0.46	0.47	0.35	0.55	0.88	1.17	0.99
4232		1.03	1.16	0.93	0.55	0.66	0.32	0.33
4233		0.00	0.00	0.00	0.00	0.00	0.32	0.33
4312		0.23	0.00	0.23	0.22	0.22	0.21	0.22
4313		0.00	0.23	0.00	0.00	0.00	0.00	0.00
4321		1.38	1.28	1.17	0.99	1.00	1.28	1.32
4322		1.38	1.05	0.93	0.77	0.88	1.07	0.88
4323		0.23	0.00	0.00	0.00	0.00	0.00	0.22

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
.	Missing*	1.15	1.40	2.10	0.00	0.00	0.00	0.00

HCUP-3 CODE BOOK
NIS 1990-1996 HOSPITAL WEIGHTS FILE

STRAT_ST H:Stratum for state-specific weights

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

STRAT_ST is a four-digit stratum identifier used to post-stratify hospitals for the calculation of state weights. Another stratum identifier (STRATUM) was used for the calculation of universe and frame weights. Strata had to be collapsed much more often for state weights than for universe and frame weights.

The four digits for STRAT_ST are defined as follows:

<u>Digit</u>	<u>Stratum</u>	<u>Values</u>
First	Region	1=Northeast, 2=Midwest, 3=South, 4=West,
Second	Control	1=Government, non federal, 2=Private, not-for-profit, 3=Private, investor-owned,
Third	Location/ Teaching	1=Rural, 2=Urban nonteaching, 3=Urban teaching,
Fourth	Bedsizes	1=Small, 2=Medium, and 3=Large.

The hospital's census region, control category, location, teaching status, and bedsize were obtained from the AHA Annual Survey of Hospitals.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE**

STRAT_ST H:Stratum for state-specific weights

- A metropolitan statistical area is considered urban, and a non-metro statistical area is rural.
- Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals.
- Bedsize assesses the number of short-term acute beds in a hospital.

The hospital's bedsize category is nested within location and teaching status.

<u>Location and Teaching Status</u>	<u>Bedsizes</u>		
	<u>Small</u>	<u>Medium</u>	<u>Large</u>
Rural	1-49	50-99	100+
Urban, nonteaching	1-99	100-199	200+
Urban, teaching	1-299	300-499	500+

Some strata were combined for sampling and weight calculations. Consequently, a given hospital's actual value for a stratifier may differ from those indicated by the value of STRAT_ST. Each hospital's actual values of stratifiers are contained in separate variables:

<u>Stratifier</u>	<u>Release 1</u>	<u>Release 2 - Release 5</u>
Region	ST_REG	H_REGION
Ownership/Control	ST_OWNER	H_CONTRL
Location/Teaching	LOCTEACH	H_LOCTCH
Bedsizes	ST_BEDSZ	H_BEDSZ

Hospital stratum (STRAT_ST) is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

ST_BEDSZ A:STRATA: LOCATION, TEACHING & BEDSIZE

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Small	318	319	317	0	0	0	0
2	Medium	281	274	271	0	0	0	0
3	Large	268	264	261	0	0	0	0
.	Missing*	4	2	7	0	0	0	0

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Small	36.51	37.14	37.03	0.00	0.00	0.00	0.00
2	Medium	32.26	31.90	31.66	0.00	0.00	0.00	0.00
3	Large	30.77	30.73	30.49	0.00	0.00	0.00	0.00
.	Missing*	0.46	0.23	0.82	0.00	0.00	0.00	0.00

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NIS 1990-1995 HOSPITAL WEIGHTS FILE

ST_BEDSZ A:STRATA: LOCATION, TEACHING & BEDSIZE

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's bedsize category is stored in the variable H_BEDSZ. In NIS, Release 1, this same information was stored in the variable ST_BEDSZ.

The hospital bedsize category is nested within location and teaching status (LOCTEACH).

<u>Location and Teaching Status</u>	<u>Bedsizes</u>		
	<u>Small</u>	<u>Medium</u>	<u>Large</u>
Rural	1-49	50-99	100+
Urban, nonteaching	1-99	100-199	200+
Urban, teaching	1-299	300-499	500+

The hospital's location, teaching status, and bedsize were obtained from the AHA Annual Survey of Hospitals. Teaching hospitals have an AMA-approved residency program or have membership in the Council of Teaching Hospitals. Bedsizes assesses the number of short-term acute beds in a hospital.

Hospital bedsize (ST_BEDSZ) is missing for some zero-weight hospitals for which the information was not available (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

ST_OWNER A:STRATA: OWNER (1=PBLC,2=VLNTRY,3=PROP)

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Public	180	170	160	0	0	0	0
2	Private nonprofit	574	578	582	0	0	0	0
3	Private for profit	113	109	107	0	0	0	0
.	Missing*	4	2	7	0	0	0	0

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Public	20.67	19.79	18.69	0.00	0.00	0.00	0.00
2	Private nonprofit	65.90	67.29	67.99	0.00	0.00	0.00	0.00
3	Private for profit	12.97	12.69	12.50	0.00	0.00	0.00	0.00
.	Missing*	0.46	0.23	0.82	0.00	0.00	0.00	0.00

**HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE**

ST_OWNER A:STRATA: OWNER (1 = PBLC,2 = VLNTRY,3 = PROP)

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the ownership/control category is stored in the variable H_CONTRL. In NIS, Release 1, this same information was stored in the variable ST_OWNER.

The hospital ownership/control categories are:

- government, nonfederal,
- private not-for-profit, and
- private investor-owned.

These types of hospitals tend to have different missions and different responses to government regulations and policies.

The hospital's ownership/control category was obtained from the AHA Annual Survey of Hospitals.

Hospital ownership (ST_OWNER) is missing for some zero-weight hospitals for which the information was not available (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

ST_REG A:STRATA: REGION (1=NE, 2=NC, 3=S, 4=W)

Value	Value Label	Frequency Counts						
		1990	1991	1992	1993	1994	1995	1996
1	Northeast	167	165	170	0	0	0	0
2	Northcentral	307	297	294	0	0	0	0
3	South	197	196	195	0	0	0	0
4	West	200	201	197	0	0	0	0

Value	Value Label	Percents						
		1990	1991	1992	1993	1994	1995	1996
1	Northeast	19.17	19.21	19.86	0.00	0.00	0.00	0.00
2	Northcentral	35.25	34.58	34.35	0.00	0.00	0.00	0.00
3	South	22.62	22.82	22.78	0.00	0.00	0.00	0.00
4	West	22.96	23.40	23.01	0.00	0.00	0.00	0.00

HCUP-3 CODE BOOK
NIS 1990-1995 HOSPITAL WEIGHTS FILE

ST_REG A:STRATA: REGION (1 = NE, 2 = NC, 3 = S, 4 = W)

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

For NIS, Release 2 through Release 5, the hospital's census region is stored in the variable H_REGION. In NIS, Release 1, this information was stored in the variable ST_REG.

The hospital census region categories are:

- Northeast,
- North Central,
- West, and
- South.

The North Central region was referred to as "Midwest" in NIS, Release 2 through Release 5.

This is an important stratifier because practice patterns have been shown to vary substantially by region. For example, lengths of stay tend to be longer in East Coast hospitals than in West Coast hospitals.

The hospital's census region was obtained from the AHA Annual Survey of Hospitals. Census region is defined by the U.S. Census Bureau.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

S_DISC_S H:Num. sample discharges in STRAT_ST

Minimum						
1990	1991	1992	1993	1994	1995	1996
1,630	1,422	1,529	764	1,162	1,312	1,548

Maximum						
1990	1991	1992	1993	1994	1995	1996
541,515	551,251	592,678	453,619	427,032	348,981	345,499

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of discharges in NIS sample hospitals contained in STRAT_ST.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

S_DISC_U H:Num. sample discharges in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
1,630	2,964	2,879	764	2,415	824	781

Maximum						
1990	1991	1992	1993	1994	1995	1996
541,515	551,251	592,678	663,125	657,102	618,359	623,634

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of discharges in NIS sample hospitals contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

S_HOSP_S H:Num. sample hospitals in STRAT_ST

Minimum						
1990	1991	1992	1993	1994	1995	1996
2	2	2	2	2	2	2

Maximum						
1990	1991	1992	1993	1994	1995	1996
41	43	43	27	26	23	24

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of NIS sample hospitals contained in STRAT_ST.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

S_HOSP_U H:Num. sample hospitals in STRATUM

Minimum						
1990	1991	1992	1993	1994	1995	1996
2	2	2	2	2	2	2

Maximum						
1990	1991	1992	1993	1994	1995	1996
53	51	53	52	56	58	57

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Number of NIS sample hospitals contained in STRATUM.

This variable is missing for zero-weight hospitals (see the File Composition note for a definition of zero-weight hospitals). Zero-weight hospitals are included in the 1988-1992 data for NIS, Release 1. Because relatively few hospitals were affected and the complexity of including these hospitals entailed considerable processing burden and costs, no zero-weight hospitals are included after 1992 in NIS Release 2 through Release 5.

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NIS 1990-1996 HOSPITAL WEIGHTS FILE

TOTDSCHG H:Total hospital discharges

Minimum						
1990	1991	1992	1993	1994	1995	1996
19	25	52	4	47	22	29

Maximum						
1990	1991	1992	1993	1994	1995	1996
86,849	62,328	60,841	58,852	57,824	62,083	62,712

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Total number of discharges in a hospital for the calendar year.

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YEAR Calendar year

Minimum						
1990	1991	1992	1993	1994	1995	1996
90	91	92	93	94	95	96

Maximum						
1990	1991	1992	1993	1994	1995	1996
90	91	92	93	94	95	96

*This documentation presents missing values as SAS missing-value codes. For EBCDIC/ASCII versions of the file, the following translations apply: .C = negative 6-filled, .B = negative 7-filled, .A = negative 8-filled, and . = negative 9-filled.

Hospital Weights File Coding Notes:

Discharge year is always coded and has the format yy. For example, if the discharge year is 1990, then YEAR = 90.
